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OM protein - protein search, using sw model

Run on: June 18, 2003, 10:08:56 ; Search time 21 Seconds

(without alignments)  
762.600 Million cell updates/sec

Title: US-09-016-869b-35

Perfect score: 760  
1 MEPSADWLTATTAARGRVEV.....TRGSHMARIDAEPSDIPD 148

Scoring table: BL0SUM62  
Gapop 10.0 , Gapext 0.5

Searched: 417779 seqs, 108206813 residues

7 number of hits satisfying chosen parameters: 417779

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:\*

- 1: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep.\*
- 2: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep.\*
- 4: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*
- 5: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep.\*
- 6: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep.\*
- 7: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB.pep.\*
- 8: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB.pep.\*
- 9: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB.pep.\*
- 10: /cgn2\_6/ptodata/2/pubpaa/US09\_PUBCOMB.pep.\*
- 11: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep.\*
- 12: /cgn2\_6/ptodata/2/pubpaa/US10\_PUBCOMB.pep.\*
- 13: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*
- 14: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	760	100.0	148	10	US-09-016-869b-35
2	760	100.0	156	9	US-09-947-206-2
3	760	100.0	156	10	US-09-016-750C-2
4	760	100.0	156	10	US-09-016-869b-2
5	760	100.0	391	8	US-08-902-572-2
6	753	99.1	148	9	US-10-247-136-2
7	753	99.1	156	9	US-09-902-941-1908
8	753	99.1	156	9	US-09-849-626-1908
9	753	99.1	156	9	US-10-017-754-1908
10	753	99.1	156	9	US-10-097-340-41
11	753	99.1	237	8	US-08-902-572-26
12	753	99.1	252	8	US-08-902-572-28
13	753	99.1	334	8	US-08-902-572-22
14	753	99.1	365	8	US-08-902-572-8
15	753	99.1	380	8	US-08-902-572-6
16	753	99.1	348	8	US-08-902-572-24
17	737.5	97.0	157	9	US-09-947-206-12
18	627.5	82.6	157	10	US-09-016-750C-12
19	627.5	82.6	157	10	US-09-016-750C-12

20	627.5	82.6	157	10	US-09-016-869b-12	Sequence 12, Appl
21	493.5	64.9	137	9	US-09-947-206-4	Sequence 4, Appl1
22	493.5	64.9	137	10	US-09-016-750C-4	Sequence 4, Appl1
23	493.5	64.9	137	10	US-09-016-869b-4	Sequence 4, Appl1
24	456	60.0	89	10	US-09-016-869b-32	Sequence 32, Appl
25	424	55.8	88	10	US-09-016-869b-33	Sequence 33, Appl
26	382	50.3	138	10	US-09-947-206-13	Sequence 13, Appl
27	382	50.3	138	10	US-09-016-750C-13	Sequence 13, Appl
28	382	50.3	138	10	US-09-016-869b-13	Sequence 13, Appl
29	356	46.8	77	9	US-09-947-206-8	Sequence 8, Appl1
30	356	46.8	77	10	US-09-016-750C-8	Sequence 8, Appl1
31	356	46.8	77	10	US-09-016-869b-8	Sequence 8, Appl1
32	330	43.4	125	9	US-09-947-206-6	Sequence 6, Appl1
33	330	43.4	125	10	US-09-016-750C-6	Sequence 6, Appl1
34	330	43.4	125	10	US-09-016-869b-6	Sequence 6, Appl1
35	329	43.3	85	10	US-09-016-869b-34	Sequence 34, Appl
36	299.5	39.4	85	9	US-09-947-206-11	Sequence 11, Appl
37	299.5	39.4	85	10	US-09-016-750C-11	Sequence 11, Appl
38	299.5	39.4	85	10	US-09-016-869b-11	Sequence 11, Appl
39	299.5	39.4	127	9	US-09-947-206-14	Sequence 14, Appl
40	299.5	39.4	127	10	US-09-016-750C-14	Sequence 14, Appl
41	299.5	39.4	127	10	US-09-016-869b-14	Sequence 14, Appl
42	228.5	30.1	168	9	US-09-902-941-1907	Sequence 1907, Ap
43	228.5	30.1	168	9	US-09-849-626-1907	Sequence 1907, Ap
44	228.5	30.1	168	9	US-10-017-754-1907	Sequence 1907, Ap
45	228.5	30.1	168	9	US-10-171-311-28	Sequence 28, Appl

#### ALIGNMENTS

RESULT 1  
US-09-016-869b-35  
; Sequence 35, Application US/09016869b  
; Patent No. US20020082392A1  
GENERAL INFORMATION:  
; APPLICANT: Beach, David H.  
; APPLICANT: Demetrick, Douglas J.  
; APPLICANT: Serrano, Manuel  
; TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and  
; TITLE OF INVENTION: Uses Related Thereto  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Ropes & Gray  
; STREET: One International Place  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110  
COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; OPERATING SYSTEM: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Wordpad  
CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/016,869b  
; FILING DATE: 30-JAN-1998  
PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/893,274  
; FILING DATE: 15-JUL-1994  
PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/306,511  
; FILING DATE: 14-SEP-1994  
PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/248,812  
; FILING DATE: 25-MAY-1994  
PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/227,371  
; FILING DATE: 14-APR-1994  
PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/154,915  
; FILING DATE: 18-NOV-1993

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/991,997  
FILING DATE: 17-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: GPCI-P10-071  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 951-7739  
TELEFAX: (617) 951-7050  
INFORMATION FOR SEQ ID NO: 35:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 148 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-016-869b-35

Query Match 100.0%; Score 760; DB 10; Length 148;  
Best Local Similarity 100.0%; Pred. No. 5,9e-69;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MESPADWLATRAARGVEEVRALLLEAVLNPAPNSYGRRIQYMMGSAVAELLHLHGA 60  
DB 1 MESPADWLATRAARGVEEVRALLLEAVLNPAPNSYGRRIQYMMGSAVAELLHLHGA 60  
QY 61 EPNCADPATLTRPVHDAREGFLDTLVVLRAGARLDVDPWGRPLPVDLAEEELGHRDYAR 120  
DB 61 EPNCADPATLTRPVHDAREGFLDTLVVLRAGARLDVDPWGRPLPVDLAEEELGHRDYAR 120  
QY 121 YLRAAGGTRGSNHARIDAEGPSDIPD 148  
DB 121 YLRAAGGTRGSNHARIDAEGPSDIPD 148

## RESULT 2

US-09-947-206-2  
Sequence 2, Application US/0947206  
Publication No. US20030100489A1

## GENERAL INFORMATION:

APPLICANT: Beach, David H.  
Demetrick, Douglas J.  
Serrano, Manuel

## TITLE OF INVENTION: CELL-CYCLE REGULATORY PROTEINS, AND USES

RELATED THERETO  
NUMBER OF SEQUENCES: 17

## CORRESPONDENCE ADDRESS:

ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA

COUNTRY: USA  
ZIP: 02109-2170

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/947,206  
FILING DATE: 04-Sep-2001

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/016,750  
FILING DATE: 1998-01-03  
APPLICATION NUMBER: US 08/306,511  
FILING DATE: 14-SEP-1994  
APPLICATION NUMBER: US 08/248,812  
FILING DATE: 25-MAY-1994  
APPLICATION NUMBER: US 08/227,371  
FILING DATE: 14-APR-1994  
APPLICATION NUMBER: US 08/154,915  
FILING DATE: 18-NOV-1993

APPLICATION NUMBER: US 07/991,997  
FILING DATE: 17-DEC-1992  
APPLICATION NUMBER: US 07/963,308  
FILING DATE: 16-OCT-1992  
APPLICATION NUMBER: PCT/US93/09945  
FILING DATE: 18-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MTV-071.13  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 156 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-09-947-206-2

Query Match 100.0%; Score 760; DB 9; Length 156;  
Best Local Similarity 100.0%; Pred. No. 6,3e-69;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MESPADWLATRAARGVEEVRALLLEAVLNPAPNSYGRRIQYMMGSAVAELLHLHGA 60  
DB 9 MESPADWLATRAARGVEEVRALLLEAVLNPAPNSYGRRIQYMMGSAVAELLHLHGA 68  
QY 61 EPNCADPATLTRPVHDAREGFLDTLVVLRAGARLDVDPWGRPLPVDLAEEELGHRDYAR 120  
DB 69 EPNCADPATLTRPVHDAREGFLDTLVVLRAGARLDVDPWGRPLPVDLAEEELGHRDYAR 128  
QY 121 YLRAAGGTRGSNHARIDAEGPSDIPD 148  
DB 129 YLRAAGGTRGSNHARIDAEGPSDIPD 156

## RESULT 3

US-09-016-750C-2  
Sequence 2, Application US/09016750C  
Patent No. US20020025305A1

## GENERAL INFORMATION:

APPLICANT: Beach, David H.  
Demetrick, Douglas J.  
Serrano, Manuel

## TITLE OF INVENTION: CELL-CYCLE REGULATORY PROTEINS, AND USES

RELATED THERETO  
NUMBER OF SEQUENCES: 17

## CORRESPONDENCE ADDRESS:

ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA

COUNTRY: USA  
ZIP: 02109-2170

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/016,750C  
FILING DATE: 30-JAN-1998

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/893,274  
FILING DATE: 15-JUL-1997  
APPLICATION NUMBER: US 08/306,511  
FILING DATE: 14-SEP-1994  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/248,812  
FILING DATE: 25-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/227,371  
FILING DATE: 14-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/154,915  
FILING DATE: 18-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/991,997  
FILING DATE: 17-DEC-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/963,308  
FILING DATE: 16-OCT-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US93/09945  
FILING DATE: 18-OCT-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIV-071.13  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 156 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-016-750C-2

Query Match 100.0%; Score 760; DB 10; Length 156;  
Best Local Similarity 100.0%; Pred. No. 6,3e-69;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVRALLLEAVALLPNAPNSYGRPIQVMGSAVAELLHLHGA 60  
DB 9 MEPSADWLATAAARGVEEVRALLLEAVALLPNAPNSYGRPIQVMGSAVAELLHLHGA 68  
QY 61 EPNCADPATLTRPVDAAREGFIDTLVYLHRAGARLDVRDAMGRPLVDAEELGHRDVAR 120  
DB 69 EPNCADPATLTRPVDAAREGFIDTLVYLHRAGARLDVRDAMGRPLVDAEELGHRDVAR 128  
QY 121 YLRAAGGTGSGNHARIDAEGSPDIPD 148  
DB 129 YLRAAGGTGSGNHARIDAEGSPDIPD 156

US-016-869B-2  
Sequence 2, Application US/09016869B  
Patent No. US20020082392A1  
GENERAL INFORMATION:  
APPLICANT: Beach, David H.  
APPLICANT: Demetrick, Douglas J.  
APPLICANT: Setiano, Manuel  
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and  
TITLE OF INVENTION: Uses Related Thereto  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ropes & Gray  
STREET: One International Place  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Wordpad

CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/016,869B  
FILING DATE: 30-JAN-1998  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/893,274  
FILING DATE: 15-JUL-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/306,511  
FILING DATE: 14-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/248,812  
FILING DATE: 25-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/227,371  
FILING DATE: 14-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/154,915  
FILING DATE: 18-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/991,997  
FILING DATE: 17-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: GPCI-P10-071  
TELEPHONE: (617) 951-7739  
TELEFAX: (617) 951-7050  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 156 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-016-869B-2

Query Match 100.0%; Score 760; DB 10; Length 156;  
Best Local Similarity 100.0%; Pred. No. 6,3e-69;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVRALLLEAVALLPNAPNSYGRPIQVMGSAVAELLHLHGA 60  
DB 9 MEPSADWLATAAARGVEEVRALLLEAVALLPNAPNSYGRPIQVMGSAVAELLHLHGA 68  
QY 61 EPNCADPATLTRPVDAAREGFIDTLVYLHRAGARLDVRDAMGRPLVDAEELGHRDVAR 120  
DB 69 EPNCADPATLTRPVDAAREGFIDTLVYLHRAGARLDVRDAMGRPLVDAEELGHRDVAR 128  
QY 121 YLRAAGGTGSGNHARIDAEGSPDIPD 148  
DB 129 YLRAAGGTGSGNHARIDAEGSPDIPD 156

RESULT 5  
US-08-902-572-2  
Sequence 2, Application US/08902572  
Patent No. US20020068706A1  
GENERAL INFORMATION:  
APPLICANT: Gyuris, Jen  
APPLICANT: Lamphere, Lou  
APPLICANT: Beach, David H.  
TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND  
TITLE OF INVENTION: RELATED THERETO  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/902,572  
FILING DATE: 29-JUL-1997  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIV-069.03  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 391 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
-902-572-2

Query Match 100.0%; Score 760; DB 8; Length 391;

Best Local Similarity 100.0%; Pred. No. 1.9e-68;

Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAARGVEEVRALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLGA 60  
DB 244 MEPSADWLATAARGVEEVRALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLGA 303  
QY 61 EPNCADPATLTRPVHDAAREGFLDTLVVLRAGARLDVDMGRLPVDLAELGHRDVAR 120  
DB 304 EPNCADPATLTRPVHDAAREGFLDTLVVLRAGARLDVDMGRLPVDLAELGHRDVAR 363  
QY 121 YLRAAAGTGRGSHARIDAEGPSDIPD 148  
DB 364 YLRAAAGTGRGSHARIDAEGPSDIPD 391

## RESULT 6

US-10-247-136-2

Sequence 2, Application US/10247136

Publication No. US2003010505A1

GENERAL INFORMATION:

APPLICANT: Demers, G. William

TITLE OF INVENTION: Methods and Compositions for the

Treatment of Ocular Diseases

NUMBER OF SEQUENCES: 7

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/247,136

FILING DATE: 18-Sep-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/075,505

FILING DATE: 08-MAY-1998

ATTORNEY/AGENT INFORMATION:

NAME: Smith, Timothy L.

REGISTRATION NUMBER: 35,367

REFERENCE/DOCKET NUMBER: 016930-00360005

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 576-0200

TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 148 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
SEQUENCE DESCRIPTION: SEQ ID NO: 2:  
US-10-247-136-2

Query Match 99.1%; Score 753; DB 9; Length 148;

Best Local Similarity 99.3%; Pred. No. 3e-68;

Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADWLATAARGVEEVRALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLGA 60  
DB 1 MEPSADWLATAARGVEEVRALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLGA 60  
QY 61 EPNCADPATLTRPVHDAAREGFLDTLVVLRAGARLDVDMGRLPVDLAELGHRDVAR 120  
DB 61 EPNCADPATLTRPVHDAAREGFLDTLVVLRAGARLDVDMGRLPVDLAELGHRDVAR 120  
QY 121 YLRAAAGTGRGSHARIDAEGPSDIPD 148  
DB 121 YLRAAAGTGRGSHARIDAEGPSDIPD 148

## RESULT 7

US-09-902-941-1908

Sequence 1908, Application US/09902941

Patent No. US20020172952A1

GENERAL INFORMATION:

APPLICANT: Henderson, Robert A.

APPLICANT: Wang, Tongtong

APPLICANT: Watanabe, Yoshihiro

APPLICANT: Johnson, Jeffrey C.

APPLICANT: Retter, Marc W.

APPLICANT: Marnerakis, Margarita

APPLICANT: Carter, Derrick

APPLICANT: Fanger, Gary R.

APPLICANT: Vedvick, Thomas S.

APPLICANT: Bangur, Chaltanya S.

APPLICANT: McNabb, Andria

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

FILE REFERENCE: 210121.478C17

CURRENT APPLICATION NUMBER: US/09/902,941

CURRENT FILING DATE: 2001-07-10

NUMBER OF SEQ ID NOS: 2002

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 1908

LENGTH: 156

TYPE: PRN

ORGANISM: Homo sapiens

US-09-902-941-1908

Query Match 99.1%; Score 753; DB 9; Length 156;

Best Local Similarity 99.3%; Pred. No. 3.2e-68;

Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADWLATAARGVEEVRALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLGA 60  
DB 9 MEPSADWLATAARGVEEVRALLLEAVLPPNPNSTGRRPIQVMMGSAVAELLHLGA 68  
QY 61 EPNCADPATLTRPVHDAAREGFLDTLVVLRAGARLDVDMGRLPVDLAELGHRDVAR 120  
DB 69 EPNCADPATLTRPVHDAAREGFLDTLVVLRAGARLDVDMGRLPVDLAELGHRDVAR 128  
QY 121 YLRAAAGTGRGSHARIDAEGPSDIPD 148  
DB 129 YLRAAAGTGRGSHARIDAEGPSDIPD 156

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RESULT 8
US-09-849-626-1908
; Sequence 1908, Application US/09849626
; Publication No. US20020197669A1
; GENERAL INFORMATION:
; APPLICANT: Bangur, Chaitanya
; APPLICANT: Fanger, Gary
; APPLICANT: Wang, Aijun
; APPLICANT: Wang, Tonglong
; APPLICANT: Switzer, Anne
; APPLICANT: McNeill, Patricia
; APPLICANT: Clapper, Jonathan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.478C16
; CURRENT APPLICATION NUMBER: US/09/849,626
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 1926
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1908
; LENGTH: 156
; TYPE: PRF
; ORGANISM: Homo sapiens
US-09-849-626-1908

Query Match          99.1%; Score 753; DB 9; Length 156;
Best Local Similarity 99.3%; Pred. No. 3.2e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESPADMLATPAAARGVEEVRALEVAALPNAPNSYGRPRIOVMMGSAVAVELLHLGA 60
DB 9 MESPADMLATPAAARGVEEVRALEVAALPNAPNSYGRPRIOVMMGSAVAVELLHLGA 68
QY 61 EPNCADPATLTRPVHDARREGFLDTLVVLRAGARLDVNDANGRLPVDAEELGHRDYAR 120
DB 69 EPNCADPATLTRPVHDARREGFLDTLVVLRAGARLDVNDANGRLPVDAEELGHRDYAR 128
QY 121 YLRAAGTGTGNSNHARIDAEGSPDIPD 148
DB 129 YLRAAGTGTGNSNHARIDAEGSPDIPD 156

RESULT 9
US-10-017-754-1908
; Sequence 1908, Application US/10017754
; Publication No. US20030054363A1
; GENERAL INFORMATION:
; APPLICANT: Henderson, Robert A.
; APPLICANT: Wang, Tonglong
; APPLICANT: Watanabe, Yoshihiro
; APPLICANT: Johnson, Jeffrey C.
; APPLICANT: Retter, Marc W.
; APPLICANT: Matherakis, Margarita
; APPLICANT: Carter, Darick
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: McNabb, Andria
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; TITLE OF INVENTION: AND DIAGNOSIS OF LUNG CANCER
; FILE REFERENCE: 210121.478C18
; CURRENT APPLICATION NUMBER: US/10/017,754
; CURRENT FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 2004
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1908
; LENGTH: 156
; TYPE: PRF
; ORGANISM: Homo sapiens
US-10-017-754-1908

Query Match          99.1%; Score 753; DB 9; Length 156;
Best Local Similarity 99.3%; Pred. No. 3.2e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESPADMLATPAAARGVEEVRALEVAALPNAPNSYGRPRIOVMMGSAVAVELLHLGA 60
DB 9 MESPADMLATPAAARGVEEVRALEVAALPNAPNSYGRPRIOVMMGSAVAVELLHLGA 68
QY 61 EPNCADPATLTRPVHDARREGFLDTLVVLRAGARLDVNDANGRLPVDAEELGHRDYAR 120
DB 69 EPNCADPATLTRPVHDARREGFLDTLVVLRAGARLDVNDANGRLPVDAEELGHRDYAR 128
QY 121 YLRAAGTGTGNSNHARIDAEGSPDIPD 148
DB 129 YLRAAGTGTGNSNHARIDAEGSPDIPD 156

RESULT 10
US-10-097-340-41
; Sequence 41, Application US/10097340
; Publication No. US20030087250A1
; GENERAL INFORMATION:
; APPLICANT: John MONAHAN
; APPLICANT: Manjula GANNANARAPU
; APPLICANT: Sebastian HOERSCH
; APPLICANT: Shubhangi KAWATKAR
; APPLICANT: Steve G. KOVATS
; APPLICANT: Rachel E. MEYERS
; APPLICANT: Michael MORRISSEY
; APPLICANT: Peter OLANDT
; APPLICANT: Ami SEN
; APPLICANT: Peter VEIRY
; APPLICANT: Gordon B. MILLS
; APPLICANT: Robert C. BAST, Jr.
; APPLICANT: Karen LU
; APPLICANT: Rosemarie SCHMANDT
; APPLICANT: Xumei ZHAO
; APPLICANT: Karen GIANT
; TITLE OF INVENTION: Nucleic Acid Molecules and Proteins For The Identification,
; TITLE OF INVENTION: Assessment, Prevention, and Therapy of Ovarian Cancer
; FILE REFERENCE: MRI-030
; CURRENT APPLICATION NUMBER: US/10/097,340
; CURRENT FILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: 60/276,025
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/325,149
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/276,026
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/324,967
; PRIOR FILING DATE: 2001/09/26
; PRIOR APPLICATION NUMBER: 60/311,732
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/325,102
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/323,580
; PRIOR FILING DATE: 2001-09-19
; NUMBER OF SEQ ID NOS: 363
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 156
; TYPE: PRF
; ORGANISM: Homo sapiens
US-10-097-340-41

Query Match          99.1%; Score 753; DB 9; Length 156;
Best Local Similarity 99.3%; Pred. No. 3.2e-68;
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MESPADMLATPAAARGVEEVRALEVAALPNAPNSYGRPRIOVMMGSAVAVELLHLGA 60
DB 9 MESPADMLATPAAARGVEEVRALEVAALPNAPNSYGRPRIOVMMGSAVAVELLHLGA 68
QY 61 EPNCADPATLTRPVHDARREGFLDTLVVLRAGARLDVNDANGRLPVDAEELGHRDYAR 120
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Db 69 EPNCADPATLTRPVHDAREGFLDTLVYLRAGARLDVWDANGRLPVDLAEEELGHRDVAR 128  
QY 121 YLRAAAGGTRGSNHARIDAEGPSDIPD 148  
129 YLRAAAGGTRGSNHARIDAEGPSDIPD 156

RESULT 11  
US-10-247-136-3  
Sequence 3, Application US/10247136  
Publication No. US20030105055A1  
GENERAL INFORMATION:  
APPLICANT: Demers, G. William  
TITLE OF INVENTION: Methods and Compositions for the Treatment of Ocular Diseases  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Townsend and Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: California  
COUNTRY: USA  
ZIP: 94111-3834  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/247,136  
FILING DATE: 18-Sep-2002  
CLASSIFICATION: <Unknown>  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/09/075,505  
FILING DATE: 08-MAY-1998  
ATTORNEY/AGENT INFORMATION:  
NAME: Smith, Timothy L.  
REGISTRATION NUMBER: 35,367  
REFERENCE/DOCKET NUMBER: 016930-003600US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (415) 576-0200  
TELEFAX: (415) 576-0300  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 156 amino acids  
TYPE: amino acid  
STRANDEDNESS: <Unknown>  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
FEATURE:  
NAME/KEY: Protein  
LOCATION: 1..156  
OTHER INFORMATION: /note= "p16"  
SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
US-10-247-136-3

Query Match 99.1%; Score 753; DB 9; Length 156;  
Best Local Similarity 99.3%; Pred. No. 3.2e-68;  
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVRALLLEAVLPNAPNSYGRPIQVMMGSAVVAELLILHGA 60  
Db 9 MEPSADWLATAAARGVEEVRALLLEAGALPNAPNSYGRPIQVMMGSAVVAELLILHGA 68  
QY 61 EPNCADPATLTRPVHDAREGFLDTLVYLRAGARLDVWDANGRLPVDLAEEELGHRDVAR 120  
Db 69 EPNCADPATLTRPVHDAREGFLDTLVYLRAGARLDVWDANGRLPVDLAEEELGHRDVAR 128  
QY 121 YLRAAAGGTRGSNHARIDAEGPSDIPD 148  
Db 129 YLRAAAGGTRGSNHARIDAEGPSDIPD 156

RESULT 12  
US-08-902-572-26  
Sequence 26, Application US/08902572  
Patent No. US20020068706A1  
GENERAL INFORMATION:  
APPLICANT: Gyuris, Jeno  
APPLICANT: Lamphere, Lou  
APPLICANT: Beach, David H.  
TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND  
TITLE OF INVENTION: RELATED THERETO  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/902,572  
FILING DATE: 29-JUL-1997  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIV-069.03  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-832-7000  
TELEFAX: 617-832-1000  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 237 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-902-572-26

Query Match 99.1%; Score 753; DB 8; Length 237;  
Best Local Similarity 99.3%; Pred. No. 5.2e-68;  
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAARGVEEVRALLLEAVLPNAPNSYGRPIQVMMGSAVVAELLILHGA 60  
Db 90 MEPSADWLATAAARGVEEVRALLLEAGALPNAPNSYGRPIQVMMGSAVVAELLILHGA 149  
QY 61 EPNCADPATLTRPVHDAREGFLDTLVYLRAGARLDVWDANGRLPVDLAEEELGHRDVAR 120  
Db 150 EPNCADPATLTRPVHDAREGFLDTLVYLRAGARLDVWDANGRLPVDLAEEELGHRDVAR 209  
QY 121 YLRAAAGGTRGSNHARIDAEGPSDIPD 148  
Db 210 YLRAAAGGTRGSNHARIDAEGPSDIPD 237

RESULT 13  
US-08-902-572-28  
Sequence 28, Application US/08902572  
Patent No. US20020068706A1  
GENERAL INFORMATION:  
APPLICANT: Gyuris, Jeno  
APPLICANT: Lamphere, Lou  
APPLICANT: Beach, David H.  
TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND  
TITLE OF INVENTION: RELATED THERETO  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY, HOAG & ELIOT LLP

STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/902,572  
FILING DATE: 29-JUL-1997  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIV-069.03  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
FORMATION FOR SEQ ID NO: 28:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 252 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-902-572-28

Query Match 99.1%; Score 753; DB 8; Length 252;  
Best Local Similarity 99.3%; Pred. No. 5.6e-68;  
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADWLATAARGVEEVRALLEAVALPNAPNSYGRPIQVMMGSAVAVELLHGA 60  
DB 105 MEPSADWLATAARGVEEVRALLEAGALPNAPNSYGRPIQVMMGSAVAVELLHGA 164  
QY 61 EPNCDPATLTRPVHDAAREGFDTLVVLRAGARLDVDMGRPLVDAELGHRDVAR 120  
DB 165 EPNCDPATLTRPVHDAAREGFDTLVVLRAGARLDVDMGRPLVDAELGHRDVAR 224  
QY 121 YLRAAGGTGSGNHARIDAEGPSDIPD 148  
DB 225 YLRAAGGTGSGNHARIDAEGPSDIPD 252

RESULT 14  
US-08-902-572-22  
Sequence 22, Application US/08902572  
Patent No. US20020068706A1  
GENERAL INFORMATION:  
APPLICANT: Gyuris, Jenb  
APPLICANT: Lamphere, Lou  
APPLICANT: Beach, David H.  
TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/902,572  
FILING DATE: 29-JUL-1997

CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIV-069.03  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
FORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 334 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-902-572-22

Query Match 99.1%; Score 753; DB 8; Length 334;  
Best Local Similarity 99.3%; Pred. No. 7.9e-68;  
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 MEPSADWLATAARGVEEVRALLEAVALPNAPNSYGRPIQVMMGSAVAVELLHGA 60  
DB 187 MEPSADWLATAARGVEEVRALLEAGALPNAPNSYGRPIQVMMGSAVAVELLHGA 246  
QY 61 EPNCDPATLTRPVHDAAREGFDTLVVLRAGARLDVDMGRPLVDAELGHRDVAR 120  
DB 247 EPNCDPATLTRPVHDAAREGFDTLVVLRAGARLDVDMGRPLVDAELGHRDVAR 306  
QY 121 YLRAAGGTGSGNHARIDAEGPSDIPD 148  
DB 307 YLRAAGGTGSGNHARIDAEGPSDIPD 334

RESULT 15  
US-08-902-572-8  
Sequence 8, Application US/08902572  
Patent No. US20020068706A1  
GENERAL INFORMATION:  
APPLICANT: Gyuris, Jenb  
APPLICANT: Lamphere, Lou  
APPLICANT: Beach, David H.  
TITLE OF INVENTION: INHIBITORS OF CELL-CYCLE PROGRESSION AND  
NUMBER OF SEQUENCES: 34  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: FOLEY, HOAG & ELIOT LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
OPERATING SYSTEM: IBM PC compatible  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/902,572  
FILING DATE: 29-JUL-1997  
CLASSIFICATION: 514  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIV-069.03  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 617-832-1000  
TELEFAX: 617-832-7000  
FORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 365 amino acids  
TYPE: amino acid  
TOPOLOGY: linear

MOLECULE TYPE: protein  
US-08-902-572-8

Query Match 99.18; Score 753; DB 8; Length 365;  
Best Local Similarity 99.34; Pred. No. 8.8e-68;  
Matches 147; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY	1	MEPSADWLATAAARGVEEVRALLLEAVLPPNAPNSYGRRPDIOMMMGSARVAELLHGA	60
DB	19	MEPSADWLATAAARGVEEVRALLLEAGALPPNAPNSYGRRPDIOMMMGSARVAELLHGA	78
QY	61	EPNCADPATLTRPVHDAAREGFLDTLVLLHRAGARLDVRDANGRLPVDLAEEELGHRDVAR	120
DB	79	EPNCADPATLTRPVHDAAREGFLDTLVLLHRAGARLDVRDANGRLPVDLAEEELGHRDVAR	138
QY	121	YLRAAGGTGSGNSHARIDAEGPSDIPD	148
DB	139	YLRAAGGTGSGNSHARIDAEGPSDIPD	166

Search completed: June 18, 2003, 10:13:54  
Job time : 21 secs



GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: June 18, 2003, 10:01:20 ; Search time 14 Seconds  
(Without alignments)  
311.042 Million cell updates/sec

Title: US-09-016-869B-35  
Perfect score: 760

Sequence: 1 MPSPADWLTATAAGKGRVEV.....TRGSNHRIDAEGPSDIPD 148

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents, AA:\*

- 1: /cgn2\_6/ptodata/1/1aa/5A.COMB.pep:\*
- 2: /cgn2\_6/ptodata/1/1aa/5B.COMB.pep:\*
- 3: /cgn2\_6/ptodata/1/1aa/6A.COMB.pep:\*
- 4: /cgn2\_6/ptodata/1/1aa/6B.COMB.pep:\*
- 5: /cgn2\_6/ptodata/1/1aa/PCTUS.COMB.pep:\*
- 6: /cgn2\_6/ptodata/1/1aa/backfilest.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	760	100.0	148	1	US-08-154-915-4
2	760	100.0	148	3	US-08-384-106A-16
3	760	100.0	148	3	US-08-384-106A-24
4	760	100.0	148	5	PCT-US93-09945-4
5	760	100.0	156	2	US-08-627-610-2
6	760	100.0	156	2	US-08-306-511A-2
7	760	100.0	156	2	US-08-893-274-2
8	760	100.0	156	3	US-08-581-918A-2
9	760	100.0	156	4	US-08-346-147B-2
10	760	100.0	156	4	US-08-822-936-2
11	760	100.0	156	4	US-08-497-214D-2
12	760	100.0	156	5	PCT-US95-04636-2
13	760	100.0	391	4	US-08-589-981-2
14	760	100.0	391	4	US-09-457-568-4
15	760	100.0	391	4	US-09-457-568-4
16	753	99.1	156	1	US-08-474-177-2
17	753	99.1	156	1	US-08-487-033-2
18	753	99.1	156	1	US-08-480-810-2
19	753	99.1	156	2	US-08-508-735-2
20	753	99.1	156	2	US-08-848-251-2
21	753	99.1	156	2	US-08-486-047-2
22	753	99.1	156	3	US-09-120-130-2
23	753	99.1	156	3	US-09-115-252-2
24	753	99.1	156	3	US-08-986-515-2
25	753	99.1	156	4	US-09-120-128-2
26	753	99.1	156	4	US-09-120-129-2
27	753	99.1	156	4	US-09-201-139-2

28	753	99.1	156	4	US-09-120-131-2	Sequence 2, Appl
29	753	99.1	156	4	US-08-910-722-2	Sequence 2, Appl
30	753	99.1	156	4	US-09-457-568-28	Sequence 28, Appl
31	753	99.1	156	4	US-09-457-568-28	Sequence 28, Appl
32	753	99.1	228	4	US-09-457-568-24	Sequence 24, Appl
33	753	99.1	228	4	US-09-457-568-24	Sequence 24, Appl
34	753	99.1	237	4	US-09-457-568-20	Sequence 20, Appl
35	753	99.1	237	4	US-09-457-568-20	Sequence 20, Appl
36	753	99.1	252	4	US-09-457-568-22	Sequence 22, Appl
37	753	99.1	252	4	US-09-457-568-22	Sequence 22, Appl
38	753	99.1	323	4	US-09-457-568-30	Sequence 30, Appl
39	753	99.1	334	4	US-09-457-568-16	Sequence 16, Appl
40	753	99.1	334	4	US-09-457-568-16	Sequence 16, Appl
41	753	99.1	365	4	US-09-457-568-6	Sequence 6, Appl
42	753	99.1	365	4	US-09-457-568-10	Sequence 10, Appl
43	753	99.1	365	4	US-09-457-568-6	Sequence 6, Appl
44	753	99.1	365	4	US-09-457-568-10	Sequence 10, Appl
45	753	99.1	380	4	US-09-457-568-8	Sequence 8, Appl

## ALIGNMENTS

RESULT 1  
US-08-154-915-4  
Sequence 4, Application US/08154915  
Patent No. 5618669  
GENERAL INFORMATION:  
APPLICANT: Beach, David  
TITLE OF INVENTION: Cyclin Complex Rearrangement and Uses  
TITLE OF INVENTION: Related Thereto  
NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS:  
ADDRESS: LAHIVE & COCKFIELD  
STREET: 60 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII(text)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/154, 915  
FILING DATE: 19-NOV-1993  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/991,997  
FILING DATE: 17-DEC-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/963,308  
FILING DATE: 16-OCT-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/888,178  
FILING DATE: 26-MAY-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/701,514  
FILING DATE: 16-MAY-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIT-026  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 227-7400  
TELEFAX: (617) 227-5941  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 148 amino acids  
TYPE: amino acid  
TOPOLOGY: linear

MOLECULE TYPE: protein  
US-08-154-915-4

Query Match 100.0%; Score 760; DB 1; Length 148;  
Best Local Similarity 100.0%; Pred. No. 1.2e-83;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAAGRVEEVALLLEAVALLPNAENSGRRPIQVMMGSAFVALLLHGA 60  
DB 1 MEPSADWLATAAAGRVEEVALLLEAVALLPNAENSGRRPIQVMMGSAFVALLLHGA 60  
QY 61 EPNCADPATLTRPVHDAAREGFLDTLVYLRHAGARLDVDRAMGRLPYDLAEELGHRDVAR 120  
DB 61 EPNCADPATLTRPVHDAAREGFLDTLVYLRHAGARLDVDRAMGRLPYDLAEELGHRDVAR 120  
QY 121 YLRAAAGTGRGSHNARIDAAEGPSDIPD 148  
DB 121 YLRAAAGTGRGSHNARIDAAEGPSDIPD 148

US-08-384-106A-16

Sequence 16, Application US/08384106A

Patent No. 6033847

GENERAL INFORMATION:

APPLICANT: Sherr Ph.D., Charles J.

APPLICANT: Downing M.D., James

APPLICANT: Hirai Ph.D., Hiroshi

APPLICANT: Okuda, Tsukasa

TITLE OF INVENTION: Ink4c-p18 and Ink4d-p19, Inhibitors of

TITLE OF INVENTION: Cyclin Dependent Kinases CDK4 and CDK6, and Uses Thereof

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX

STREET: 1100 New York Ave., N.W.

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/384,106A

FILING DATE: 06-FEB-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Fox, Samuel L.

REGISTRATION NUMBER: 30,353

REFERENCE/DOCKET NUMBER: 0656,0500000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:

LENGTH: 148 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-384-106A-16

Query Match 100.0%; Score 760; DB 3; Length 148;  
Best Local Similarity 100.0%; Pred. No. 1.2e-83;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAAGRVEEVALLLEAVALLPNAENSGRRPIQVMMGSAFVALLLHGA 60  
DB 1 MEPSADWLATAAAGRVEEVALLLEAVALLPNAENSGRRPIQVMMGSAFVALLLHGA 60  
QY 61 EPNCADPATLTRPVHDAAREGFLDTLVYLRHAGARLDVDRAMGRLPYDLAEELGHRDVAR 120  
DB 61 EPNCADPATLTRPVHDAAREGFLDTLVYLRHAGARLDVDRAMGRLPYDLAEELGHRDVAR 120

DB 61 EPNCADPATLTRPVHDAAREGFLDTLVYLRHAGARLDVDRAMGRLPYDLAEELGHRDVAR 120  
QY 121 YLRAAAGTGRGSHNARIDAAEGPSDIPD 148  
DB 121 YLRAAAGTGRGSHNARIDAAEGPSDIPD 148

RESULT 3  
US-08-384-106A-24

Sequence 24, Application US/08384106A

Patent No. 6033847

GENERAL INFORMATION:

APPLICANT: Sherr Ph.D., Charles J.

APPLICANT: Downing M.D., James

APPLICANT: Hirai Ph.D., Hiroshi

APPLICANT: Okuda, Tsukasa

TITLE OF INVENTION: Ink4c-p18 and Ink4d-p19, Inhibitors of

TITLE OF INVENTION: Cyclin Dependent Kinases CDK4 and CDK6, and Uses Thereof

NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:

ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX

STREET: 1100 New York Ave., N.W.

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/384,106A

FILING DATE: 06-FEB-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Fox, Samuel L.

REGISTRATION NUMBER: 30,353

REFERENCE/DOCKET NUMBER: 0656,0500000

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-371-2600

TELEFAX: 202-371-2540

INFORMATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 148 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: peptide

US-08-384-106A-24

Query Match 100.0%; Score 760; DB 3; Length 148;  
Best Local Similarity 100.0%; Pred. No. 1.2e-83;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADWLATAAAGRVEEVALLLEAVALLPNAENSGRRPIQVMMGSAFVALLLHGA 60  
DB 1 MEPSADWLATAAAGRVEEVALLLEAVALLPNAENSGRRPIQVMMGSAFVALLLHGA 60  
QY 61 EPNCADPATLTRPVHDAAREGFLDTLVYLRHAGARLDVDRAMGRLPYDLAEELGHRDVAR 120  
DB 61 EPNCADPATLTRPVHDAAREGFLDTLVYLRHAGARLDVDRAMGRLPYDLAEELGHRDVAR 120  
QY 121 YLRAAAGTGRGSHNARIDAAEGPSDIPD 148  
DB 121 YLRAAAGTGRGSHNARIDAAEGPSDIPD 148

RESULT 4  
PCT-US93-09945-4  
Sequence 4, Application PC/TUS9309945  
GENERAL INFORMATION:

```

1  APPLICANT:
2  TITLE OF INVENTION: Cyclin Complex Rearrangement and Uses Related
3  TITLE OF INVENTION: Thereto
4  NUMBER OF SEQUENCES: 4
5  COMPUTER READABLE FORM:
6  MEDIUM TYPE: Floppy disk
7  COMPUTER: IBM PC compatible
8  OPERATING SYSTEM: PC-DOS/MS-DOS
9  SOFTWARE: ASCII(text)
10 CURRENT APPLICATION DATA:
11 APPLICATION NUMBER: PCT/US93/09945
12 FILING DATE:
13 PRIOR APPLICATION DATA:
14 APPLICATION NUMBER: US 07/963,308
15 FILING DATE: 16-OCT-1992
16 PRIOR APPLICATION DATA:
17 APPLICATION NUMBER: US 07/991,997
18 FILING DATE: 17-DEC-1992
19 INFORMATION FOR SEQ ID NO: 4:
20 SEQUENCE CHARACTERISTICS:
21 LENGTH: 148 amino acids
22 TYPE: amino acid
23 TOPOLOGY: linear
24 MOLECULE TYPE: protein
25 PCT-US93-09945-4

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Query Match	100.0%	Score 760	DB 5	Length 148
Best Local Similarity	100.0%	Pred. No. 1.2e-83		
Matches 148	Conservative 0	Mismatches 0	Indels 0	Gaps 0
QY	1	MEPSADMLTAAARGVEEVRALLLEAVL	PNAPNSYGRPIQVMMGSAFVALLHGA	60
Db	1	MEPSADMLTAAARGVEEVRALLLEAVL	PNAPNSYGRPIQVMMGSAFVALLHGA	60
QY	61	EPNCPADPATLTRPVHDAAREGFLLDTLV	LHRGARDLVRYAMGRIPVDLAEELGHRDVAR	120
Db	61	EPNCPADPATLTRPVHDAAREGFLLDTLV	LHRGARDLVRYAMGRIPVDLAEELGHRDVAR	120
QY	121	YLRAAAGSTRGSNHARIDAAGEPSLIPD	148	
Db	121	YLRAAAGSTRGSNHARIDAAGEPSLIPD	148	

RESULT 5  
US-08-627-610-2  
Sequence 2, Application US/08627610  
Patent No. 5919997  
GENERAL INFORMATION:  
APPLICANT: Beach, David H.  
APPLICANT: Serano, Manuel A.  
APPLICANT: DePinho, Ronald A.  
TITLE OF INVENTION: Transgenic Animals Having Modified Cell-Cycle  
NUMBER OF SEQUENCES: 13  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 State Street  
City: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII(text)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/627,610  
FILING DATE: 04-APR-1996  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709

```

: REFERENCE/DOCKET NUMBER: CSI-001C6
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (617) 227-7400
: TELEFAX: (617) 227-5941
: INFORMATION FOR SEO ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 156 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-627-610-2

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Query Match	100.0%;	Score 760;	DB 2;	Length 156;
Best Local Similarity	100.0%;	Prod. NO. 1.3e-83;		
Matches 148;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MEPSADWLTAARARVEEVALLEAVALLPAPAPNSYGRPIQYMMGSGARVALELLIHGA	60	
	9	MEPSADWLTAARARVEEVALLEAVALLPAPAPNSYGRRIQYMMGSGARVALELLIHGA	68	
Db				
	61	EPNCADPATLTTPVHDAAREGFLLDTLVVLAHAGARLDVDMWGRLEPVDIAEELIGHDVAR	120	
QY				
	69	EPNCADPATLTTPVHDAAREGFLLDTLVVLAHAGARLDVDMWGRLEPVDIAEELIGHDVAR	128	
Db				
	121	YLRAAAGTGRGSHNARIDAEGPSIIDP	148	
QY				
	129	YLRAAAGTGRGSHNARIDAEGPSIIDP	156	
Db				

```

US-08-306-511A-2
Sequence 2, Application US/08306511A
Patent No. 5962316
GENERAL INFORMATION:
APPLICANT: Beach, David H.
APPLICANT: Demetrick, Douglas J.
APPLICANT: Serrano, Samuel
APPLICANT: Hannon, Gregory J.
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and Uses Thereof
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII(text)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/306,511A
FILING DATE: 14-SEP-1994
ATTORNEY/AGENT INFORMATION:
NAME: Vincent, Matthew P.
REGISTRATION NUMBER: 36,709
REFERENCE/DOCKET NUMBER: CSI-001CP2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 156 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-306-511A-2
Query Match 100.0%; Score 760; DB 2; Length 156;
Best Local Similarity 100.0%; Pred. No. 1,3e-83;

```



TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 832-1299  
TELEFAX: (617) 832-7000  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 156 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-581-918A-2

Query Match  
Best Local Similarity 100.0%; Score 760; DB 3; Length 156;  
Pred. No. 1.3e-83;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MESPADWLATAARGRVEEVRALLLEAVALLPNAENSYGRPIQVMNGSARVAELLHLGA 60  
DB 9 MESPADWLATAARGRVEEVRALLLEAVALLPNAENSYGRPIQVMNGSARVAELLHLGA 68  
QY 61 EPNCADPATLTTPVHDAAREGFDTLVVLRAGARLDVDMGRLPYDLAEELGHRDVAR 120  
DB 69 EPNCADPATLTTPVHDAAREGFDTLVVLRAGARLDVDMGRLPYDLAEELGHRDVAR 128  
QY 121 YLRAAGTGRGSHNRIDAEGPSDIPD 148  
DB 129 YLRAAGTGRGSHNRIDAEGPSDIPD 156

RESULT 9  
US-08-346-147B-2  
Sequence 2, Application US/08346147B  
Patent No. 6211334  
GENERAL INFORMATION:  
APPLICANT: Beach, David H.  
APPLICANT: Demetrick, Douglas J.  
APPLICANT: Serrano, Manuel  
APPLICANT: Hannan, Gregory J.  
TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and Uses  
TITLE OF INVENTION: Related Thereto  
NUMBER OF SEQUENCES: 47  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Foley, Hoag & Eliot  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPad  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/346,147B  
FILING DATE: 29-NOV-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/306,511  
FILING DATE: 14-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/248,812  
FILING DATE: 25-MAY-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/227,371  
FILING DATE: 14-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/154,915  
FILING DATE: 18-NOV-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/991,997  
FILING DATE: 17-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Mathew P.

REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIV-071.04  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 832-1299  
TELEFAX: (617) 832-7000  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 156 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-346-147B-2

Query Match  
Best Local Similarity 100.0%; Score 760; DB 4; Length 156;  
Pred. No. 1.3e-83;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MESPADWLATAARGRVEEVRALLLEAVALLPNAENSYGRPIQVMNGSARVAELLHLGA 60  
DB 9 MESPADWLATAARGRVEEVRALLLEAVALLPNAENSYGRPIQVMNGSARVAELLHLGA 68  
QY 61 EPNCADPATLTTPVHDAAREGFDTLVVLRAGARLDVDMGRLPYDLAEELGHRDVAR 120  
DB 69 EPNCADPATLTTPVHDAAREGFDTLVVLRAGARLDVDMGRLPYDLAEELGHRDVAR 128  
QY 121 YLRAAGTGRGSHNRIDAEGPSDIPD 148  
DB 129 YLRAAGTGRGSHNRIDAEGPSDIPD 156

RESULT 10  
US-08-822-936-2  
Sequence 2, Application US/08822936  
Patent No. 6242575  
GENERAL INFORMATION:  
APPLICANT: Massague, Joan  
APPLICANT: Roberts, James M.  
APPLICANT: Koff, Andrew  
APPLICANT: Polyak, Kornelia  
TITLE OF INVENTION: Isolated p27 protein, Nucleic Acid  
TITLE OF INVENTION: Molecules Encoding Same, Methods of Identifying Agents Acti  
TITLE OF INVENTION: and Uses of Said Agents  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Foley, Hoag & Eliot, LLP  
STREET: One Post Office Square  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109-2170  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/822,936  
FILING DATE: 21-FEBRUARY-1997  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Mathew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIV-079.05  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 832-1000  
TELEFAX: (617) 832-7000  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 156 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-822-936-2

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; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-497-214D-2

Query Match
Best Local Similarity 100.0%; Score 760; DB 4; Length 156;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY 1 MEPSADWLATAAARGVEEVRALLEAVALLPAAPNSYGRRLPYQVMMGSAVAELLLHGA 60
Db 9 MEPSADWLATAAARGVEEVRALLEAVALLPAAPNSYGRRLPYQVMMGSAVAELLLHGA 68
QY 61 EPCNADPATLTTPRVDAAREGFLDTLVVLRHAGARLDVRAWGRLPVDLAEELGHRDVAR 120
Db 69 EPCNADPATLTTPRVDAAREGFLDTLVVLRHAGARLDVRAWGRLPVDLAEELGHRDVAR 128
QY 121 YLRAAAGTGRGSHHARIDAEGSPSDIPD 148
Db 129 YLRAAAGTGRGSHHARIDAEGSPSDIPD 156

RESULT 12
PCT-US95-04636-2
; Sequence 2, Application PC/TU959504636
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: Cell-Cycle Regulatory Proteins, and Uses
; TITLE OF INVENTION: Related Therto
; NUMBER OF SEQUENCES: 10
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII(text)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/04636
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/346,147
; FILING DATE: 29-NOV-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/306,511
; FILING DATE: 14-SEP-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/248,812
; FILING DATE: 25-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/227,371
; FILING DATE: 14-APR-1994
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 156 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US95-04636-2

Query Match
Best Local Similarity 100.0%; Score 760; DB 5; Length 156;
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY 1 MEPSADWLATAAARGVEEVRALLEAVALLPAAPNSYGRRLPYQVMMGSAVAELLLHGA 60
Db 9 MEPSADWLATAAARGVEEVRALLEAVALLPAAPNSYGRRLPYQVMMGSAVAELLLHGA 68
QY 61 EPCNADPATLTTPRVDAAREGFLDTLVVLRHAGARLDVRAWGRLPVDLAEELGHRDVAR 120
Db 69 EPCNADPATLTTPRVDAAREGFLDTLVVLRHAGARLDVRAWGRLPVDLAEELGHRDVAR 128
QY 121 YLRAAAGTGRGSHHARIDAEGSPSDIPD 148

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Db 129 YLRAAGGTRGSHARIDAAEGPSDIPD 156

RESULT 13  
US-08-589-981-2  
Sequence 2, Application US/08589981  
Patent No. 5672508  
GENERAL INFORMATION:  
APPLICANT: Gyuris, Jen0  
APPLICANT: Lamphere, Lou  
APPLICANT: Beach, David H.  
TITLE OF INVENTION: Inhibitors of Cell-Cycle Progression,  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 State Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII (text)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/589,981  
FILING DATE:  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Vincent, Matthew P.  
REGISTRATION NUMBER: 36,709  
REFERENCE/DOCKET NUMBER: MIT-069  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 227-7400  
TELEFAX: (617) 227-5941  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 391 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-589-981-2

Query Match 100.0%; Score 760; DB 1; Length 391;  
Best Local Similarity 100.0%; Pred. No. 4.6e-83;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Q1 1 MEPSADMATATAAGRGVEEVALLLEAVALLPNA PNSYGRPTQVMMGSA RYAE LLLHGA 60  
|||||  
Db 244 MEPSADMATATAAGRGVEEVALLLEAVALLPNA PNSYGRPTQVMMGSA RYAE LLLHGA 303  
|||||

QY 61 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDV RDAMGR L PVDLAEE LGH RDYAR 120  
|||||  
Db 304 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDV RDAMGR L PVDLAEE LGH RDYAR 363  
|||||

QY 121 YLRAAGGTRGSHARIDAAEGPSDIPD 148  
|||||  
Db 364 YLRAAGGTRGSHARIDAAEGPSDIPD 391  
|||||

RESULT 14  
US-09-457-568-4  
Sequence 4, Application US/09457568  
Patent No. 6413943  
GENERAL INFORMATION:  
APPLICANT: McArthur, James G  
APPLICANT: Gyuris, Jen0  
APPLICANT: Finer, Mitchell H  
TITLE OF INVENTION: Methods and Reagents for Inhibiting Proliferation of  
FILE REFERENCE: 106482.691

;; CURRENT APPLICATION NUMBER: US/09/457,568  
;; CURRENT FILING DATE: 1999-12-09  
;; EARLIER APPLICATION NUMBER: 60/122,974  
;; EARLIER FILING DATE: 1999-03-01  
;; EARLIER APPLICATION NUMBER: 60/163,682  
;; EARLIER FILING DATE: 1999-11-05  
;; NUMBER OF SEQ ID NOS: 28  
;; SOFTWARE: Patentln Ver. 2.0  
;; SEQ ID NO 4  
;; LENGTH: 391  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-09-457-568-4

Query Match 100.0%; Score 760; DB 4; Length 391;  
Best Local Similarity 100.0%; Pred. No. 4.6e-83;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADMATATAAGRGVEEVALLLEAVALLPNA PNSYGRPTQVMMGSA RYAE LLLHGA 60  
|||||  
Db 244 MEPSADMATATAAGRGVEEVALLLEAVALLPNA PNSYGRPTQVMMGSA RYAE LLLHGA 303  
|||||

QY 61 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDV RDAMGR L PVDLAEE LGH RDYAR 120  
|||||  
Db 304 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDV RDAMGR L PVDLAEE LGH RDYAR 363  
|||||

QY 121 YLRAAGGTRGSHARIDAAEGPSDIPD 148  
|||||  
Db 364 YLRAAGGTRGSHARIDAAEGPSDIPD 391  
|||||

RESULT 15  
US-09-457-646-4  
Sequence 4, Application US/09457646  
Patent No. 6420345  
GENERAL INFORMATION:  
APPLICANT: Patel, Salll D  
APPLICANT: McArthur, James G  
APPLICANT: Gyuris, Jen0  
TITLE OF INVENTION: Methods and Reagents for Inhibiting Proliferation of  
FILE REFERENCE: 106482.287  
CURRENT APPLICATION NUMBER: US/09/457,646  
CURRENT FILING DATE: 1999-12-09  
EARLIER APPLICATION NUMBER: 60/122,974  
EARLIER FILING DATE: 1999-03-01  
EARLIER APPLICATION NUMBER: 60/163,682  
EARLIER FILING DATE: 1999-11-05  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: Patentln Ver. 2.0  
SEQ ID NO 4  
LENGTH: 391  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-457-646-4

Query Match 100.0%; Score 760; DB 4; Length 391;  
Best Local Similarity 100.0%; Pred. No. 4.6e-83;  
Matches 148; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEPSADMATATAAGRGVEEVALLLEAVALLPNA PNSYGRPTQVMMGSA RYAE LLLHGA 60  
|||||  
Db 244 MEPSADMATATAAGRGVEEVALLLEAVALLPNA PNSYGRPTQVMMGSA RYAE LLLHGA 303  
|||||

QY 61 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDV RDAMGR L PVDLAEE LGH RDYAR 120  
|||||  
Db 304 EPNCADPATLTTRPVHDAAREGFLDTLVVLRHAGARLDV RDAMGR L PVDLAEE LGH RDYAR 363  
|||||

QY 121 YLRAAGGTRGSHARIDAAEGPSDIPD 148  
|||||  
Db 364 YLRAAGGTRGSHARIDAAEGPSDIPD 391  
|||||

Wed Jun 18 09:54:48 2003

Search completed: June 18, 2003, 10:10:04  
Job time : 15 secs

us-09-016-869b-35.ra1

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